

## **AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows:

1. (Original) A shelter for a pet comprising:

an enclosure sized for a pet, said enclosure including an interior space having at least one wall separating said interior space from exterior space and at least one opening for ingress and egress to said interior space;

a thermoelectric cooler mounted in said at least one wall;

a first grill spaced from said wall having said cooler and separating said cooler from said interior space; and

a second grill spaced from said wall having said cooler and separating said cooler from exterior space.

2. (Original) A shelter for a pet as specified in claim 1 wherein said enclosure includes thermal insulation separating said interior space from exterior space.

3. (Original) A shelter for a pet as specified in claim 1 wherein said opening is closed by a flexible closure.

4. (Original) A shelter for a pet as specified in claim 3 wherein said flexible closure comprises strips of plastic material attached above said opening and extending by gravity to close said opening.

5. (Original) A shelter for a pet as specified in claim 1 wherein said wall having said cooler comprises a vertical side wall.

6. (Original) A shelter for a pet as specified in claim 1 wherein said wall having said cooler comprises a top wall.

7. (Original) A shelter for a pet as specified in claim 1 wherein said cooler includes first heat convector fins arranged on a side thereof facing said interior space and a first fan for providing flow of air over said first heat convector fins, and wherein said first grill is spaced from said first fan.

8. (Original) A shelter for a pet as specified in claim 1 wherein said cooler includes second heat convector fins arranged on a side thereof facing said exterior space and a second fan for providing flow of air over said second heat convector fins, and wherein said second grill is spaced from said second fan.

9. (New) A cooled pet shelter comprising:

an enclosure sized for a pet and having an opening for ingress and egress to the interior space;

a thermoelectric cooler mounted to the enclosure;

a first grill positioned between the interior space and the cooler; and

a second grill positioned between the cooler and atmosphere.

10. (New) The pet shelter of claim 9 wherein said enclosure includes thermal insulation separating said interior space from exterior space.

11. (New) The pet shelter of claim 9 wherein the cooler is mounted to a vertical side wall of the enclosure.

12. (New) The pet shelter of claim 9 wherein the cooler is mounted to a top wall of the enclosure.

13. (New) The pet shelter of claim 9 wherein said cooler includes first heat convector fins arranged on a side thereof facing said interior space and a first fan for providing flow of air over said first heat convector fins, and wherein said first grill is spaced from said first fan.

14. (New) The pet shelter of claim 13 wherein said cooler includes second heat convector fins arranged on a side thereof facing said exterior space and a second fan for providing flow of air over said second heat convector fins, and wherein said second grill is spaced from said second fan.

15. (New) The pet shelter of claim 9 further comprising a thermostat control for controlling operation of the cooler.

16. (New) The pet shelter of claim 15 wherein the thermostatic control includes an external control knob.

17. (New) A cooled pet shelter comprising:

an enclosure sited for a pet, the enclosure including forward and rear walls, side walls and an upper wall;

an access opening in one of the front or side walls;

a first grill forming at least a portion of the rear or top wall;

an extension mounted on the enclosure;

a thermoelectric cooler mounted on the extension proximate the first grill; and

a second grill mounted on the extension proximate the thermo electric cooler.

18. (New) The pet shelter of claim 17 wherein said cooler includes first heat convector fins arranged on a side thereof facing said interior space and a first fan for providing flow of air over said first heat convector fins, and wherein said first grill is spaced from said first fan.

19. (New) The pet shelter of claim 18 wherein said cooler includes second heat convector fins arranged on a side thereof facing said exterior space and a second fan for providing flow of air over said second heat convector fins, and wherein said second grill is spaced from said second fan.

20. (New) The pet shelter of claim 17 further comprising a thermostat control for controlling operation of the cooler wherein the thermostatic control includes an external control knob.